



BHARAT HEAVY ELECTRICALS LIMITED

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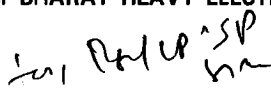
(A Government of India Undertaking)
HIGH PRESSURE BOILER PLANT
PURCHASE DEPARTMENT - FOSSIL BOILERS
THIRUCHIRAPALLI - 620014
TAMILNADU (INDIA)

PHONE :2577331
GRAMS : BHARATELEC
FAX NO: 2520719
E-mail: srchandran@bheltry.co.in
Web:

	Enquiry No 2661500140 - 75	Enquiry Date 07.05.2015	Due Date for Quotation 28.05.2015
Please quote Enquiry No, Date and due date in all correspondences. This is only a request for quotation and not an order			

Item	Description	Unit	Quantity	Delivery Quantity	Schedule Date
10	<p>DIVALUE: Pre-Qualification Criteria for all the items: 1. The Bidder / Vendor should be an OEM / authorised dealer of disc insulators / pin insulators / air break switches. 2. In case of authorised dealers valid dealership certificate shall be attached without which the offer will not be considered. Item: 11 kV porcelain disc insulator 11 kV disc insulator Detailed technical specification is provided below: 1. Working voltage: 11 kV 2. Highest system voltage: 12 kV 3. Impulse withstand voltage (peak): 75 kV 4. 1.2/50 micro second wave impulse flashover voltage: 95 kV 5. Dry 1 min. power frequency withstand voltage: 50 kV 6. Wet 1 min. power frequency withstand voltage: 35 kV 7. Puncture withstand voltage: 105 kV 8. Minimum failing load: 45 kN 9. Minimum creepage distance: 230 mm 10. Diameter of disc insulator: 255 mm 11. Colour of disc insulator: Brown 12. Marking: Each insulator should be legibly and indelibly marked to show the the following details: a. Name or trade mark of the manufacturer b. Voltage and type c. Month and year of manufacturing d. Electromechanical strength in kN 13. IS conformance: IS 731, IS 2486, IS 2071, IS 3188 14. The offer shall be accompanied with the detailed drawings showing the actual dimensions of various component parts. 15. The vendor shall furnish detailed type test reports of the offered disc insulators at the NABL accredited laboratories to prove that the</p>	NO	8.000	8.00	29.06.15

The offers should reach us 30 minutes before the time of opening of tenders. The offers will be opened at 14.30 hrs on the due date of tender in the presence of tenderers who have submitted their offer and who may like to be present for the tender opening. Late and delayed offers are liable to be rejected.

Yours faithfully,
For **BHARAT HEAVY ELECTRICALS LIMITED**

MANAGER / PURCHASE
(FOSSIL BOILERS)
Yours faithfully,



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disc insulators offered meet the requirements of the specification.
These type tests should have been carried out within five years prior to the date of opening of this tender.
Vendor has to give confirmation against each of the points in the compliance statement sheet.

20 NO 25.000 25.00 29.06.15

DIVALUE :

Item: 11 kV pin insulator

Detailed technical specifications are given below:

1. Working voltage: 11 kV
2. Highest system voltage: 12 kV
3. Impulse withstand voltage (peak): 75 kV
4. 1.2/50 micro second wave impulse flashover voltage: 95 kV
5. Dry 1 min. power frequency withstand voltage: 50 kV
6. Wet 1 min. power frequency withstand voltage: 35 kV
7. Puncture withstand voltage: 105 kV
8. Minimum failing load: 10 kN
9. Min. creepage distance: 230 mm
10. Height of insulator: 130 mm
11. Diameter of insulator: 120 mm
12. Colour of pin insulator: Brown
13. Mounting of insulator: The insulator should be suitable to be mounted vertically on supporting structure by GI pin passing up inside the insulator.
14. Marking: Each insulator should be legibly and indelibly

marked to show the the following

details:

- a. Name or trade mark of the manufacturer
- b. Voltage and type
- c. Month and year of manufacturing
- d. Electromechanical strength in kN

15. IS conformance: IS 731, IS 2486, IS 2071, IS 3188

16. Lead/Zinc thimble suitable for fixing with 11KV G.I.Pin as per IS-2486 (Part-I)/1993 & IS-2486 (Part-II)/1989 with latest amendment (small steel head).

17. The offer shall be accompanied with the detailed drawings showing the actual dimensions of various component parts.

18. The vendor shall furnish detailed type test reports of the offered pin insulators at the NABL accredited laboratories to prove that the pin insulators offered meet the requirements of the specification. These

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type tests should have been carried out within five years prior to the date of opening of this tender. Vendor has to give confirmation against each of the points in the compliance statement sheet.

30 NO 2.000 2.00 29.06.15

DIVALUE:

Item: 11 kV air break switch

Detailed specification is given below:

1. Type: 11 kV, 400 A triple pole gang operated rotating type air break

switch with one post insulator per stack and single throw, double break characteristics for outdoor installation.

2. Service Conditions

2.a. Maximum ambient air temperature: 45 deg C

2.b. Maximum daily average ambient air temperature: 35 deg C

2.c. Maximum yearly average ambient air temperature: 30 deg C

2.d. Minimum ambient air temperature: -5 deg C

3. System Conditions

3.a. Frequency: 50 Hz

3.b. Nominal system voltage: 11 kV

3.c. Maximum system voltage: 12 kV

3.d. Nominal short circuit level: 18.4 kA

3.e. Insulation level (positive and negative polarity): 75 kV

4. Technical specification for 11 kV A B Switch

4.a. Voltage (wet and dry) rms: 28 kV

4.b. Rated voltage: 12 kV

4.c. Normal continuous rating: 400 A

4.d. Short time current rating (1 second): 18.4 kA

4.e. Short time current rating peak: 40 kA

4.f. Power frequency withstand voltage, one minute, dry and wet rms

4.f.i. Across isolating distance: 32 kV

4.f.ii. Between phases and to earth: 28

kV

4.g. Impulse voltage withstand level peak (1.2/50 μ s wave)

4.g.i. Across isolating distance: 85 kV

4.g.ii. Between phases and to earth: 75

kV

4.h. Power frequency puncture withstand voltage: 1.3 times the actual flash over voltage

4.i. Conformance to codes: IS: 1818, IS: 9921, IS: 2633

5. General constructional features

The air break switch shall have triple pole construction and shall be suitable for horizontal mounting having three post insulator per phase.

The switch shall be manually operated with a

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rotating type arrangement.

The recommended phase spacing is 760 mm centre to centre. "ON" "OFF" marking should be available for the handle.

5.a. Operating mechanism

The operating mechanism shall be suitable for manual operation from ground level by one person with ease and shall be so designed that

all the three phases open or close Simultaneously. An operating rod consisting of galvanised iron pipe of 40 mm diameter and of about 6000 mm length shall be provided for closing and opening operations.

5.b. Galvanising

All ferrous parts except springs shall be hot dip galvanised with heavy coating.

5.c. Contacts

All the current carrying parts shall be made of tin plated electrolytic copper of 99.98% purity. The contacts shall be silver plated to thickness of not less than 30 microns. The fixed (female) contacts shall be spring loaded pressure type so as to ensure firm contact and proper alignment. The spring shall, however, not carry any current. Arcing contacts with spring assisted operation shall be provided. The arcing contacts shall open after the main contacts and close before the main contacts.

5.d. Base and mounting

A rigid base of galvanised steel channel of size approximately 75 x 40 x 6 mm shall be provided with suitable holes, clamps and bolts for mounting firmly on steel structure. It shall be suitable for horizontal mounting in double pole sub station structures.

5.e. Padlocking

Suitable padlocking or other approved locking arrangement shall be provided for locking the operating handle both in the ON and in the OFF position.

5.f. Earthing terminal


Two earthing terminals having clamping bolts, with nuts, washers and spring washers shall be provided on the frame of each pole. The earthing terminals shall be of electroplated brass and of adequate size to carry full short circuit current.

5.g. Other features

5.g.i. Live parts shall be designed to avoid sharp point edges and other corona producing surfaces as far as

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possible.

5.g.ii. There should not be any backlash to produce non-uniform travel of the blades of the three phased and all the three phases shall make simultaneous closing with good electrical contact.

5.g.iii. The switch blades shall be so assembled that all three phases operate in synchronism. Fixed guides shall be provided for proper seating of the contacts even when a blade is out of alignment to a minor extent.

5.g.iv. A suitable arrangement for accelerating the opening of contacts shall be provided to avoid excessive sparking.

5.g.v. The switches shall be capable of withstanding in their closed position the dynamic and thermal effects of the short circuit current specified above. The switches shall be so constructed that the blades do not open or close under the influence of a short circuit, gravity, wind pressure, vibration or accidental breaking of the operating shaft.

6. Vendor should provide test certificates from authorised Govt. agencies to prove satisfactory performance of the switch. Vendor has to give confirmation against each of the points in the compliance statement sheet.

40 NO 15.000 15.00 29.06.15

DIVLUE :

Item: 11 kV Epoxy Resin Cast Insulator
Working voltage: 11 kV
Highest system voltage: 12 kV
Impulse withstand voltage (peak): Vendor to specify
Shape: Cylindrical
Dia: 90 mm
Length: 130 mm
Style No: 934001
No of ribs: Vendor to specify
Minimum creepage distance: 175 mm
Mounting: M16 for both top and bottom sides.

General Note:

1.POINT-BY-POINT CONFIRMATION TO BHEL'S SPECIFICATIONS, COMMERCIAL TERMS & CONDITIONS ARE TO BE PROVIDED BY THE VENDORS IN "ANNEXURE A &B.

2. FILL UP ANNEXURE A. PLEASE ENSURE THAT ALL TERMS & CONDITIONS SHOULD BE INDICATED IN THE UN-PRICED BID TO BE ATTACHED WITH THE

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TECHNO-COMMERCIAL BID POSITIVELY.

3. VALIDITY OF THE OFFER SHOULD NOT BE LESS THAN 90 DAYS.
4. THE ORDER WILL BE PLACED ON INDIVIDUAL ITEMWISE L1 BASIS
5. THE BIDDER SHALL MEET PRE-QUALIFICATION CRITERIA
6. WHEREVER FOR SPLITTING OF ORDER AS PER ANNEXURE II CLAUSE 27,IF SPLITTED QUANTITY COMES OUT <1 ,THE SPLITTING OF ORDER WILL NOT BE FEASIBLE. (For MSE vendors)

LIST OF ATTACHMENTS:

- 1.Pre qualification criteria
2. ANNEXURE-II TERMS AND CONDITIONS OF THE ENQUIRY. (TWO PART-BID)
3. ANNEXURE-V- CA certificate format(as per MSMED act 2006) to be furnished , if applicable -Refer ANNEXURE II CLAUSE 27 (For MSE vendors)
- 4.ANNEXURE-A CHECK LIST FOR TECHNICAL & COMMERCIAL TERMS CONFIRMATION-TO BE FILLED BY THE SUPPLIER.
5. ANNEXURE-B MODEL PRICE BID FORMAT.
6. ANNEXURE-VI CHECK LIST TO BE SUBMITTED ALONG WITH OFFER
- 7.compliance statement to be filed & to be submitted by supplier

Enclosures:

"LD clause has to be confirmed without fail."

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Compliance Statement Sheet for 11 kV Disc Insulator

Sl No	Parameter Description	Parameter Value	Vendor's Response
1	Working voltage	11 kV	
2	Highest system voltage	12 kV	
3	Impulse withstand voltage (peak)	75 kV	
4	1.2/50 micro second wave impulse flashover voltage	95 kV	
5	Dry 1 min. power frequency withstand voltage	50 kV	
6	Wet 1 min. power frequency withstand voltage	35 kV	
7	Puncture withstand voltage	105 kV	
8	Minimum failing load	45 kN	
9	Minimum creepage distance	230 mm	
10	Diameter of disc insulator	255 mm	
11	Colour of disc insulator	Brown	
12	Marking: Each insulator should be legibly and indelibly marked to show the these details	a. Name or trade mark of the manufacturer b. Voltage and type c. Month and year of manufacturing d. Electromechanical strength in kN	
13	IS conformance	IS 731 IS 2486 IS 2071 IS 3188	
14	The offer shall be accompanied with the detailed drawings showing the actual dimensions of various component parts.		
15	The tenderer shall furnish detailed type test reports of the offered disc insulators at the NABL accredited laboratories to prove that the disc insulators offered meet the requirements of the specification. These type tests should have been carried out within five years prior to the date of opening of this tender.		

Compliance Statement Sheet for 11 kV Pin Type Insulator

SI No	Parameter Description	Parameter Value	Vendor's Response
1	Working voltage	11 kV	
2	Highest system voltage	12 kV	
3	Impulse withstand voltage (peak)	75 kV	
4	1.2/50 micro second wave impulse flashover voltage	95 kV	
5	Dry 1 min. power frequency withstand voltage	50 kV	
6	Wet 1 min. power frequency withstand voltage	35 kV	
7	Puncture withstand voltage	105 kV	
8	Minimum failing load	10 kN	
9	Min. creepage distance	230 mm	
10	Height of insulator	130 mm	
11	Diameter of insulator	120 mm	
12	Colour of pin insulator	Brown	
13	Mounting of insulator	The insulator should be suitable to be mounted vertically on supporting structure by GI pin passing up inside the insulator.	
14	Marking: Each insulator should be legibly and indelibly marked to show these details	Name or trade mark of the manufacturer Voltage and type Month and year of manufacturing Electromechanical strength in kN	
15	IS conformance	IS 731 IS 2486 IS 2071 IS 3188	
16	Lead/Zinc thimble suitable for fixing with 11KV G.I.Pin as per IS-2486 (Part-I)/1993 & IS-2486 (Part-II)/1989 with latest amendment (small steel head)		
17	The offer shall be accompanied with the detailed drawings showing the actual dimensions of various component parts.		
18	The tenderer shall furnish detailed type test reports of the offered pin insulators at the NABL accredited laboratories to prove that the pin insulators offered meet the requirements of the specification. These type tests should have been carried out within five years prior to the date of opening of this tender.		

Compliance Statement Sheet for 11 kV Air Break Switch

Sl No	Parameter Description	BHEL's Requirement	Vendor's Response
1	Type	11 kV, 400 A triple pole gang operated rotating type air break switch with one post insulator per stack and single throw, double break characteristics for outdoor installation.	
2	Service Conditions		
2.a	Maximum ambient air temperature	45 °C	
2.b	Maximum daily average ambient air temperature	35 °C	
2.c	Maximum yearly average ambient air temperature	30 °C	
2.d	Minimum ambient air temperature	-5 °C	
3	System Conditions		
3.a	Frequency	50 Hz	
3.b	Nominal system voltage	11 kV	
3.c	Maximum system voltage	12 kV	
3.d	Nominal short circuit level	18.4 kA	
3.e	Insulation level (positive and negative polarity)	75 kV	
4	Technical specification for 11 kV A B Switch		
4.a	Voltage (wet and dry) rms	28 kV	
4.b	Rated voltage	12 kV	
4.c	Normal continuous rating	400 A	
4.d	Short time current rating (1 second)	16 kA	
4.e	Short time current rating peak	40 kA	
4.f	Power frequency withstand voltage, one minute, dry and wet rms		
4.f.ii	Across isolating distance	32 kV	
4.f.ii	Between phases and to earth	28 kV	
4.g	Impulse voltage withstand level peak (1.2/50 μs wave)		
4.g.i	Across isolating distance	85 kV	
4.g.ii	Between phases and to earth	75 kV	

Compliance Statement Sheet for 11 KV Air Break Switch

SI No	Parameter Description	BHEL's Requirement	Vendor's Response
4.h	Power frequency puncture withstand voltage	1.3 times the actual flash over voltage	
4.i	Conformance to codes	IS: 1818, IS: 9921, IS: 2633	
5	General constructional features		
5.a	Operating mechanism	The air break switch shall have triple pole construction and shall be suitable for horizontal mounting having three post insulator per phase. The switch shall be manually operated with a rotating type arrangement. The recommended phase spacing is 760 mm centre to centre. "ON" "OFF" marking should be available for the handle.	
		The operating mechanism shall be suitable for manual operation from ground level by one person with ease and shall be so designed that all the three phases open or close simultaneously. An operating rod consisting of galvanised iron pipe of 40 mm diameter and of about 6000 mm length shall be provided for closing and opening operations.	
		The handle for operating pipe shall be suitable for gripping by two hands of the operator and the same should be covered with corrugated polythenes / rubber sleeves. 'ON' and 'OFF' indication shall be indelibly marked on weather proof and corrosion proof plates riveted to the body of the handle.	
5.b	Galvanising		
	All ferrous parts except springs shall be hot dip galvanised with heavy coating.		
5.c	Contacts		
	All the current carrying parts shall be made of tin plated electrolytic copper of 99.98% purity. The contacts shall be silver plated to thickness of not less than 30 microns. The fixed (female) contacts shall be spring loaded pressure type so as to ensure firm contact and proper alignment. The spring shall, however, not carry any current. Arcing contacts with spring assisted operation shall be provided. The arcing contacts shall open after the main contacts and close before the main contacts.		
5.d	Base and mounting		

Compliance Statement Sheet for 11 kV Air Break Switch

SI No	Parameter Description	BHEL's Requirement	Vendor's Response
	A rigid base of galvanised steel channel of size approximately 75 x 40 x 6 mm shall be provided with suitable holes, clamps and bolts for mounting firmly on steel structure. It shall be suitable for horizontal mounting in double pole sub station structures.		
5.e	Padlocking		
	Suitable padlocking or other approved locking arrangement shall be provided for locking the operating handle both in the ON and in the OFF position.		
5.f	Earthing terminal		
	Two earthing terminals having clamping bolts with a minimum diameter of 12 mm, with nuts, washers and spring washers shall be provided on the frame of each pole. The earthing terminals shall be of electroplated brass and of adequate size to carry full short circuit current.		
5.g	Other features		
5.g.i	Live parts shall ve designed to avoid sharp point edges and other corona producing surfaces as far as possible.		
5.g.ii	There should not be any backlash to produce non-uniform travel of the blades of the three phased and all the three phases shall make simultaneous closing with good electrical contact.		
5.g.iii	The switch blades shall be so assembled that all three phases operate in synchronism. Fixed guides shall be provided for proper seating of the contacts even when a blade is out of alignment to a minor extent.		
5.g.iv	A suitable arrangement for accelerating the opening of contacts shall be provided to avoid excessive sparking.		
5.g.v	The switches shall be capable of withstanding in their closed position the dynamic and thermal effects of the short circuit current specified above. The switches shall be so constructed that the blades do not open or close under the influence of a short circuit, gravity, wind pressure, vibration or accidental breaking of the operating shaft.		

Compliance Statement Sheet for 11 kV Epoxy Resin Cast Insulator

SI No	Parameter Description	Parameter Value	Vendor's Response
1	Working voltage	11 kV	
2	Highest system voltage	12 kV	
3	Impulse withstand voltage (peak)	Vendor to specify	
4	Shape	Cylindrical	
5	Dia	90 mm	
6	Length	130 mm	
7	Minimum creepage distance	175 mm	
8	No of ribs	Vendor to specify	
9	Mounting	M16 for both top and bottom sides	
10	The offer shall be accompanied with the detailed drawings showing the actual dimensions of various component parts.		
11	The tenderer shall furnish detailed type test reports of the offered insulators at the NABL accredited laboratories to prove that the insulators offered meet the requirements of the specification. These type tests should have been carried out within five years prior to the date of opening of this tender.		

PRE- QUALIFICATION CRITERIA FOR Requirement of insulator

S.NO.	BHEL requirements	Vendor to confirm
1	The Bidder / Vendor should be an OEM / authorised dealer of disc insulators / pin insulators / air break switches.	
2	In case of authorised dealers valid dealership certificate shall be attached without which the offer will not be considered.	

TERMS AND CONDITIONS OF THE ENQUIRY (TWO PART BID)

1. The tender will be operated on two part bid basis i.e. (I).Techno-Commercial Bid & (II).Price Bid.
2. Techno-Commercial Bid: Containing Technical details, specifications, commercial terms and conditions like percentage of Freight & Insurance, ED WITH CESS, Taxes ,delivery terms, delivery schedule, validity of offer, payment terms (except price details), acceptance for LD clause, RP clause etc. as per ANNEXURE-A shall be put in a cover (1) and super scribed as "Techno-Commercial Bid" for Enquiry No:Dt:Due Dt.:
3. Price Bid: Containing the price details shall be put in a separate cover (2) and superscripted as "Price Bid" for Enquiry No:Dt.:Due Dt.: as per ANNEXURE –B (submitted in your company letter head)
4. You are requested to put the above two envelopes (Techno-Commercial Bid & Price Bid) inside a separate larger sealed envelope and this envelope shall be super scribed as "Techno-Commercial Bid and Price Bid" for Enquiry No:Dt.:Due Dt.:

Your Quotations should be sent to:

The Tender Opening Cell/MM

Room No-26 , Building – 24 , Ground Floor

Bharat Heavy Electrical Limited

Tiruchirapalli- 620014 .

In case personal delivery of the offer , it shall be dropped into the respective box after duly entering the data in the system kept in room no 26 .

Vendors are requested to avoid submission of offers thro email / fax . In case of any unavoidable situation, offers shall be sent thro email to the following mail ID only " **tender_cell@bheltry.co.in** "

As such Tenders are being opened by Common Tender opening Cell , offer covers should be sealed with tender's distinctive seal and super scribed with correct Tender NO, item of supply and due date of Opening

5. Tender should not be addressed to any individual's name but only by designation.
6. Tenders should be free from CORRECTION AND ERASURES. Corrections if any must be attested; all amounts shall be indicated both in words as well as in figures. Where there is difference between amount quoted in words and figures, amount quoted in words shall only be considered.
7. Please submit point wise compliance to our specifications, terms and conditions. Otherwise it will be presumed that you are accepting BHEL's terms and conditions. Fill Up Annexure A. Please Ensure That All Terms & Conditions Should Be Indicated in The Un-Priced Bid To Be Attached With The Techno-Commercial Bid Positively(ANNEXURE-A)
8. Offer/s received after due date and time: **02:00 pm** will not be considered under any circumstances.
9. **Validity** of quoted rates should be maintained minimum for **90 days** from the date of Tender opening for ordering (Technical Bid). The quoted/Finalized rates shall be Firm till completion of the supplies.
10. The rates are to be quoted on **F.O.R. BHEL THIRUMAYAM/PUDUKKOTTAI Distt-622507** basis (**Inclusive of Packing, Forwarding**) and separately **Freight & Transit Insurance charges which are payable to supplier**. All the items should be supplied at our stores, BHEL **THIRUMAYAM/PUDUKKOTTAI Distt-622507** at your own cost. Offers with any other delivery conditions is not acceptable .

IMPORTANT NOTE: (I) Delivery condition like Ex-works / Ex-godown / Transportation of materials through transport carriers from your works up to the transport carrier's office at THIRUMAYAM and taking delivery of goods by BHEL from such office of transport carriers is not acceptable to us)

11. Payment Terms (Indigenous)

Payment term is 100% direct payment after 45 days from the date of receipt and acceptance of materials.

Any deviation in the above payment term will attract loading as mentioned below.

“Base rate of SBI (as applicable on the date of bid opening. Techno-commercial bid opening in case of two part bids) + 6% shall be considered for loading for the period of relaxation sought by bidders.

Payment through Bank is not preferred. In case of Payment through Bank is opted by Supplier, BHEL prefers documents submission through bank with copy of LR and door delivery of Goods to Site/Stores with Consignee copy attached. In this case Loading will be 3% on the offered value.

Offers of indigenous Suppliers with payment terms as LC/Advance Payment are liable for rejection.

Payment term for supply portion(For import supplies)

BHEL Payment term is 100% payment on CAD basis after 45 days from the date of receipt of documents, specified in PO, at BHEL bank. Respective bank charges to respective account.

Any deviation in the above payment term will attract loading as mentioned below.

“Base rate of SBI (as applicable on the date of bid opening. Techno-commercial bid opening in case of two part bids) + 6% shall be considered for loading for the period of relaxation sought by bidders.

In the case of Usance LCs the loading will be considered @ 1.5% on the offered Value.

For LC at sight the loading will be considered @ 3.5% on the offered Value.

Normally CAD at sight and Confirmed LCs are liable for rejection.

Payment terms for Indian agent:

Indian Agency Commission, if any, shall be clearly specified in the offer and the same will be paid in Indian Rupees against acceptance of the materials

12. Liquidated Damages / Penalty:-

Liquidated damages shall be 0.5% of the total order value per week or part thereof subject to a maximum of 10% of the total order value.

For staggered delivery schedule, LD shall be 0.5% of the undelivered portion per week of the delay or part there of subject to a maximum of 10% of the total order value.

Any deviation from the above LD clause, loading will be applied to the extent to which it is not agreed by the bidder (at offered value).

13. If Guarantee / Warranty period is applicable as per tender specification, No deviation permitted and deviated

offers are liable for rejection.

14. IMPORTANT NOTE: BHEL WILL CONSIDER THE RANKING AFTER THE LOADING IS APPLIED AS REFERRED ABOVE WHEREVER DEVIATIONS ARE OBSERVED.

15. No revision of prices will be entertained at any circumstances after tenders are opened.

16. If any sales tax is payable as extra to the quoted price it should be specifically stated in quotations along with CST & VAT Number failing which the purchaser will not be liable for payment of sales tax. Our TIN 33243560005 dt.01.01.2007 & CST no 239383 DT, 11.06.1991

17. On the due date of tender opening, only the technical bids will be opened. Technical bids will be evaluated by us and clarifications required, if any, will be called for from the bidders on technical and commercial points. The price bids of techno-commercially suitable bidders will be opened at a later date with prior intimation to respective suitable bidders.

18. Ranking L-1, L-2 etc. shall be done generally on each individual items for the techno-commercially acceptable offers on landed cost to BHEL, **THIRUMAYAM/PUDUKKOTTAI Distt-622507** basis and BHEL reserves the right to place order for individual items with different vendors. At special circumstance ranking shall be done on compatible basis which will be indicated through Enquiry special instruction General Notes.

19. BHEL reserves the right to increase or decrease the tender quantity and split up the tender quantity among more than one vendor at the lowest acceptable price to BHEL and place order accordingly in any proportion at our own discretion.

20. Lowest price received against BHEL tenders need not be the technically acceptable one and in that case BHEL reserves the right not to consider the same. The purchaser shall be under no obligation to accept the lowest or any other tender and shall be entitled to accept or reject any tender in part or full without assigning any reason whatsoever.

21. BHEL reserves the right to negotiate or refloat the tender opened, if L1 price is not the lowest acceptable price to BHEL due to inter-alia other reasons.

22. **PACKING AND MARKING:** The supplier shall arrange for securely protecting and packing the stores to avoid loss or damages during transit.

23. **RISK PURCHASE:** Alternatively the purchaser at his option will be entitled to terminate the contract and to purchase elsewhere at the risk and cost of the seller either the whole of the goods or any part which the previous supplier has failed to deliver or dispatch

within the time stipulated as aforesaid or if the same were not available, the best and the nearest available substitutes therefore. The new supplier shall be liable for any loss, which the purchaser may sustain by reason of such risk purchases in addition to penalty at the rate mentioned in our LD clause.

24. **PREFERENTIAL DELIVERY:**(Applicable in the case of BHEL's Enquiry specifies Preferential Delivery in the Special Instructions) It should be noted if a contract is placed on a higher tendered as a result of this invitation to tender in preference to the lowest acceptable offer in consideration of the earlier delivery, the seller will be liable to pay to the purchaser the difference between the contract rate and that of the lowest acceptable tender on the basis of final price F.O.R destination, including all elements of freights, Sales tax, duties and other incidents, incidental in case of failure to complete supplies in terms of such contract within the date of delivery specified in the tender and incorporated in the contract, such difference amount in addition to penalty at the rate mentioned in our LD clause.

25. **CENVAT CREDIT:** If any Excise Duty is payable, the Chapter Head / Sub -head reference and the rate of the duty should be quoted. If the Tenderer is availing CENVAT credit for this input material, the effect of Performa credit should be passed on to the purchaser. Tenderer under "CENVAT" shall be preferred.

26. Any other conditions which might have been quoted by the seller and are in contravention to the terms prescribed in the order and which have not been specifically accepted by purchaser in written will not be applicable to the contract.

27. The bidder may also be a Micro and Small Enterprises (MSE) vendor registered as per MSE act. As per the public procurement policy notified by the Central government,

20% of the tendered quantity is earmarked for MSE suppliers in this tender.

Out of the 20% tendered quantity reserved for MSE suppliers, 4% shall be earmarked for procurement from MSE owned by SC / ST entrepreneurs.

In case MSE vendor participating in the tender quotes within the price band of L1 + 15%, they will be allowed to supply the portion of the requirement subject to acceptance of L1 price by MSE vendor. In case of more than one such MSE, the supply shall be shared proportionately.

"MSE suppliers can avail the intended benefits only if they submit along with the offer, attested copies of either EM II certificate having deemed validity (five years from the date of issue of acknowledgement in EM, II) or valid NSIC certificate or EM II certificate along with attested copy of a CA certificate (Format enclosed at Annexure -V where deemed validity of EM II certificate of five years has expired) applicable for the relevant financial year (latest audited). Date to be reckoned for determining the deemed validity will be the date of bid opening (Part I in case of two part bid). Non submission of such documents will lead to consideration of their bid at par with other bidders. No benefit shall be applicable for this enquiry if any deficiency in the above required documents are not submitted before price bid opening. Documents should be notarized or attested by a Gazetted officer. "

28. For verification of data submitted towards evaluation of bidder's capability, BHEL may decide to visit the bidder(s) works. Any fact found deviating from submitted data shall make the bidder liable to be disqualified.

29. In the event of more than one vendor becoming L1 for any of the item / items, the enquiry quantity for those item / items will be shared equally among all the L1 vendors.

30. The correspondence between the bidder and BHEL through email is considered as valid document Legally though not signed. It is treated as valid confirmations made on behalf of the respective company and comes under the legal ambit of the business transaction and hence binding on both the parties.

31. Equipment will be inspected and proved at vendor's works prior to dispatch, if applicable as per tender condition. However final inspection and acceptance of equipment will be after installation at BHEL, **THIRUMAYAM/PUDUKKOTTAI Distt-622507**.

32. Erection / commissioning charges , if applicable as per tender condition will be clearly mentioned in the offer or else confirmation that Erection / commissioning shall be done at free of cost is available in the offer.

33. Price shall be quoted item wise.

34. Any warranty replacement during warranty period shall be supplied free of charge on FOR BHEL, **THIRUMAYAM/PUDUKKOTTAI Distt-622507** basis

35. The vendor shall provide necessary drawings, Test Certificates and Operating Maintenance Manuals etc., as called for in the Technical Specification, in the required number of copies at no extra cost.

36. Part Shipment or Transshipment is not permissible.(For import supplies)

37. In case of any short shipment in the main equipment / spares, where separate rates are not available in the contract, the customs duty levied on such supplies, shall be borne by the supplier / Indian agent.(For import supplies)

38. Indicate Nearest airport & sea port, Country of Origin .(For import supplies)

39. Vendors Meeting Our Pre-Qualification Criteria & Technical Specification Will Be Essential For Consideration Of Offer.

40. For The Vendor Willing To Participate In Tender Opening, The Representative Should Have Valid Company ID Proof & Authorization Letter From The Concerned Firm Who Has Submitted The Offer.

41. After Technical Scrutinisiation Of The Offers, Price Bid Of Only Technically Qualified Vendors Will Be Opened With Prior Intimation.

42. If The Due Date Of Tender Opening Happens to be a Holiday, Those Tenders Will Be Opened On Next Working Days

43. For any clarification you can contact to srchandran@bheltry.co.in, pgavictor@bheltry.co.in, rravic@bheltry.co.in

44. This Tender Is Hosted Both In Bhel Website And In NIC, PSU Portal And Any Corrigendum May Pl Be Viewed in BHEL's website <http://www.bhel.com> (Tender Notification page)

Govt. Tender website <http://tenders.gov.in> (Public sector units > Bharat Heavy Electricals Limited Page)

45. If we receive offer from both Manufacturer and their Agent / Dealer or any other, the offer of Manufacturer only will be cons

Annexure-V

Certificate by Chartered Accountant on letter head

This is to Certify that M/S
(hereinafter referred to as 'company') having its registered office at
..... is registered under MSMED Act 2006, (Entrepreneur
Memorandum No (Part—II) dtd•.....
Category:(Micro/Small)). (Copy enclosed).

Further verified from the Books of Accounts that the investment of the company as per the
latest audited financial year as per MSMED Act 2006 is as follows:

- 1. For Manufacturing Enterprises:** Investment in plant and machinery (i.e. original cost excluding land and building and the items specified by the Ministry of Small Scale Industries vide its notification No,S.O.1722(E) dated October 5, 2006 :
Rs.....Lacs
- 2. For Service Enterprises:** Investment in equipment (original cost excluding land and building and furniture, fittings and other items not directly related to the service rendered or as may be notified under the MSMED Act, 2006:
Rs... ..Lacs

(Strike off whichever is not applicable)

The above investment of RsLacs is within permissible limit of
Rs.Lacs forMicro / Small (Strike off which is not applicable)
Category under MSMED Act 2006.

Or

The company has been graduated from its original category (Micro/ Small) (Strike off which is not applicable) and the date of graduation of such enterprise from its original category is
(dd/mm/yyyy) which is within the period of 3 years from the date of graduation of such enterprise from its original category as notified vide S.O. No. 3322(E) dated 01.11.2013 published in the gazette notification dated 04.11.2013 by Ministry of MSME.

Date:

(Signature)

Name -

Membership number –

Seal of chartered accountant

ANNEXURE –A (CHECK LIST FOR TECHNICAL & COMMERCIAL TERMS CONFIRMATIONS)**(a).TECHNICAL TERMS CONFIRMATION: AGAINST ALL ENQ SL NOS. (SUBMITTED IN COVER NO: 1)**

ENQ NO	SL	BHEL SPECIFICATIONS	YOUR SPECIFICATION	unit	Quantity	Consignment weight against each item separately	whether quoted/ not quoted
10							
20							
30							

(b).COMMERCIAL TERMS CONFIRMATION REQUIRED FROM SUPPLIERS (SUBMITTED IN COVER NO: 1)

SL NO	DESCRIPTION	BHEL REQUIREMENTS	SUPPLIER CONFIRMATION
1	VALIDITY	MINIMUM 90 Days from Date of tender opening	
2	PRICE QUOTED	FOR BHEL THIRUMAYAM INCLUSIVE OF PACKING & FORWARDING CHARGES.	
3	EXCISE DUTY WITH CESS (Whether inclusive (or) extra) Clearly mention the percentage	SUPPLIER TO QUOTE	
4	VAT % Clearly mention the percentage	SUPPLIER TO QUOTE	
5	CST % against form 'C' Clearly mention the percentage	SUPPLIER TO QUOTE	
6	FREIGHT & INSURANCE CHARGES FOR DELIVERY AT BHEL / THIRUMAYAM STORES/PUDUKKOTTAI Distt-622507	SUPPLIER TO QUOTE IN % ONLY	
7	DEIVERY SCHEDULE FROM THE DATE OF PURCHASE ORDER / LETTER OF INTENT	SUPPLIER TO QUOTE IN NO. OF DAYS/ WEEKS	
8	PAYMENT TERMS	As per Clause 11 of Terms and Conditions of the Enquiry (Two Part Bid)	
9	LIQUIDATED DAMAGES CLAUSE	As per Clause 12 of Terms and Conditions of the Enquiry (Two Part Bid)	
10	RISK PURCHASE CLAUSE	As per Clause 23 of Terms and Conditions of the Enquiry (Two Part Bid)	
11	GUARANTEE / WARRANTY	AS PER TENDER CONDITION	
12	ERECTION / COMMISSIONING	AS PER TENDER CONDITION	
13.	Origin of dispatch	SUPPLIER TO QUOTE	
14.	Nearest airport & sea port (For import supplies)	SUPPLIER TO QUOTE	
15.	Country of Origin (For import supplies)	SUPPLIER TO QUOTE	
16	CONTACT PERSON DETAILS	NAME:	
		MOBILE NO:	
		LAND LINE NO:	
		EMAIL :	
		FAX:	

NOTE: a). -It is confirmed that all the terms and conditions stipulated in the Enquiry have been fully understood by us and all clarifications & details have been obtained.

b)Your specific acceptance to our Payment terms,LD & Risk Purchase Clause are essential for consideration of your offer.

c).No row shall be left blank. Please indicate NA, in case the item is "not applicable"

Full postal Address:

Signature & Office Seal of the vendor

ANNEXURE –B (MODEL PRICE BID FORMAT)

EN Q SL NO	BHEL SPECIFICATIONS	YOUR SPECIFICATION	unit	quantity	Rate in Rs.	Value in Rs.
10						
20						
30						

PRICE BID FORMAT OF ALL QUOTED ITEMS, IF ANY ITEM YOUR ARE NOT QUOTED SIMPLY YOU SHOULD MENTION AS “NOT QUOTED” AGAINST THAT ENQ SL NO. (SUBMITTED IN SEPARATE COVER NO: 2)

Annexure-VI

CHECK LIST TO BE SUBMITTED ALONG WITH OFFER

SL NO	Documents submitted	Vendor's Confirmation Yes/No
01.	Offer Submitted in 2 bid system i.e. (I).Techno-Commercial Bid & (II).Price Bid inside a separate larger sealed envelope and this envelope shall be super scribed as "Techno-Commercial Bid and Price Bid" for Enquiry No:Dt.:Due Dt.:	
02.	Annexure-A part-(a).TECHNICAL TERMS CONFIRMATION & part (b).COMMERCIAL TERMS CONFIRMATION to be SUBMITTED ALONGWITH IN COVER NO: 1	
03.	Annexure-B- Price Bid to be SUBMITTED IN SEPARATE COVER NO: 2	
04.	Pre-Qualification Criteria fulfilled& documents Submitted	
05.	Documents/technical catalouges /DRAWINGS, (wherever as applicable) submitted as per tender condition	
06.	point to point confirmation provided as per tender condition	